

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	130	148/331.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/11 17:13
L2	5485	148/320-337.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/11 17:14
L3	1341	75/560,567,568.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/11 17:14
L4	12	148/331.ccls. and (al2O3 or "al.sub.2o. sub.3" or alumina or aluminum near2 oxide) and (rare earth or REM)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/11 17:15
L5	9	148/331.ccls. and (al2O3 or "al.sub.2o. sub.3" or alumina or aluminum near2 oxide) near5 (inclusion or cluster or precipitat\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/11 17:21
L6	2	L5 not L4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/11 17:21
L7	219	(L2 or L3) and (al2O3 or "al.sub.2o.sub.3" or alumina or aluminum near2 oxide) near5 (inclusion or cluster or precipitat\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/11 17:22

L8	33	L7 and (rare adj2 earth or REM) and (oxygen or O or O2 or "O.sub.2") near5 (content or weight or wt% or wtppm or ppm or part per million or percent or ".percent.")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/11 17:23
L9	75	(US-20060260719-\$ or US-20060157162-\$). did. or (US-6344093-\$ or US-4042381-\$ or US-4738301-\$ or US-4809765-\$ or US-6368380-\$ or US-6511553-\$ or US-6120578-\$ or US-6221180-\$). did. or (US-2980529-\$ or US-3623862-\$). did. or (WO-2004009854-\$ or WO-2004111277-\$ or EP-829546-\$ or EP-906960-\$ or EP-1538224-\$ or WO-9736010-\$). did. or (JP-2000239785-\$ or JP-2000303146-\$ or JP-2004052077-\$ or JP-2004052076-\$ or JP-2005002425-\$ or JP-2005002422-\$ or JP-2005002421-\$ or JP-2005002420-\$ or JP-2005089775-\$ or JP-2001303183-\$ or JP-2001303182-\$ or JP-2001303177-\$ or JP-2005089774-\$ or JP-05277679-\$ or JP-2004277777-\$ or JP-2003013132-\$ or JP-2003001484-\$ or JP-2007254819-\$ or JP-52070918-\$ or JP-11323426-\$ or JP-2001026842-\$ or JP-07070638-\$ or JP-2002105527-\$ or JP-2007254818-\$ or JP-2005002419-\$ or JP-2000355730-\$). did. or (JP-2000319750-\$ or JP-2000008138-\$). did. or (JP-51071225-\$ or JP-2002327239-\$ or WO-2004009854-\$ or JP-	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/08/11 17:23

		2005256115-\$ or JP- 2007254819-\$ or WO- 2004111277-\$ or RU- 2241059-\$ or JP- 2003268435-\$ or JP- 2002266018-\$ or US- 6350295-\$ or JP- 05271744-\$ or JP- 52070918-\$ or GB- 1472537-\$ or JP- 52027009-\$ or EP- 906960-\$ or JP- 11323426-\$ or JP- 2001026842-\$ or JP- 2003013132-\$ or WO- 9736010-\$ or JP- 2005002422-\$ or JP- 2005002421-\$ or JP- 2005002420-\$ or JP- 2001279388-\$ or JP- 2001020031-\$ or JP- 2000355730-\$ or JP- 2000345239-\$).did. or (EP-1052303-\$ or JP- 61276757-\$).did.				
L11	34	L7 and (rare adj2 earth or REM) and (oxygen or O or O2 or "O.sub.2") near10 (content or weight or wt% or wtppm or ppm or part per million or percent or ".percent.")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/11 17:24
L13	35	L7 and (rare adj2 earth or REM) and (oxygen or O or O2 or "O.sub.2") near10 (content or weight or wt% or '%' or wtppm or ppm or part per million or percent or ".percent.")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/11 17:26
L14	31	(L2 or L3) and (al2O3 or "al.sub.2o.sub.3" or alumina or aluminum near2 oxide) near5 (inclusion or cluster or precipitat\$4) same (micron or micrometer or um or ".mu.'m" or .mu." adj2 m)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/11 17:32

L15	157	((Hakaru near2 Nakato).in. or (Seiji near2 Nabeshima).in. or (Kenichi near2 Sorimachi)".in")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/11 17:34
L16	8	L15 and (al2O3 or "al. sub.2o.sub.3" or alumina or aluminum near2 oxide) near5 (inclusion or cluster or precipitat\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/11 17:34
L17	26	L14 not L13	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/11 17:42
L18	0	L17 and (rare earth or REM)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/11 17:47
L19	1245	C21C007/04	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/11 17:47
L20	773	C21C007/06	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/11 17:47
L21	1889	M24-C02\$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/11 17:47
L22	3580	L19 or L20 or L21	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/11 17:47

L23	3540	L22 not L9	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/11 17:47
L24	120	L23 and (al2O3 or "al. sub.2o.sub.3" or alumina or aluminum near2 oxide) near10 (inclusion or cluster or precipitat\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/11 17:48
L25	8	L24 and (rare adj2 earth or REM)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/11 17:48
L26	24	L23 and (al2O3 or "al. sub.2o.sub.3" or alumina or aluminum near2 oxide) and (rare adj2 earth or REM)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/11 17:50
L27	16	L26 not L25	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/11 17:50
L28	10	(JFE and Steel).as. and (al2O3 or "al.sub.2o. sub.3" or alumina or aluminum near2 oxide) and (rare adj2 earth or REM)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/11 17:57
L29	159	L23 and (al2O3 or "al. sub.2o.sub.3" or alumina or aluminum near2 oxide) same (inclusion or cluster or precipitat\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/11 19:01
L30	15	L29 and (rare adj2 earth or REM)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/11 19:02
S1	2	"20060260719"	US-PGPUB; USPAT; DERWENT	ADJ	ON	2007/10/29 09:16

S2	1	JP10183229	JPO; DERWENT	ADJ	ON	2007/11/15 07:42
S3	0	JP10-183229	JPO; DERWENT	ADJ	ON	2007/11/15 07:42
S4	0	10-183229	JPO; DERWENT	ADJ	ON	2007/11/15 07:42
S5	2	"10183229"	JPO; DERWENT	ADJ	ON	2007/11/15 07:42
S6	4439	(Mizoguchi.in. or uesthma.in. or yamaguchi.in. or watanabe.in. or miksa.in. or "hirotsugu.in") and alumina	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/11/15 08:31
S7	4498	(Mizoguchi.in. or uesthma.in. or yamaguchi.in. or watanabe.in. or miksa.in. or hirotsugu.in.) and alumina	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/11/15 08:31
S8	4494	(Mizoguchi.in. or uesthma.in. or yamaguchi.in. or watanabe.in. or mikasa.in. or hirotsugu.in.) and alumina	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/11/15 08:31
S9	206	(Mizoguchi.in. or uesthma.in. or yamaguchi.in. or watanabe.in. or mikasa.in. or hirotsugu.in.) and alumina and (REM or rare earth)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/11/15 08:32
S10	15	(Mizoguchi.in. or uesthma.in. or yamaguchi.in. or watanabe.in. or mikasa.in. or hirotsugu.in.) and alumina near10 (cluster or inclusion) and (REM or rare earth)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/11/15 08:33
S11	27	Nippon steel.as. and alumina near10 (cluster or inclusion) and (REM or rare earth)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/11/15 08:35
S12	64	148/331.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/11/15 08:47
S13	2715	"148".clas. and alumina	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/11/15 09:08

S14	757	"148".clas. and alumina and (Ce or La or Pr or Nd)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/11/15 09:08
S15	216	"148".clas. and alumina and (Ce or La or Pr or Nd) and (rare earth or REM)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/11/15 09:09
S16	38	"148".clas. and (aluminum or aluminium or al) near20 (deoxidiz\$5 or kill\$4) and alumina and (Ce or La or Pr of Nd)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/11/15 09:10
S17	2594	Nippon steel.as. and alumina	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/11/15 09:15
S18	280	Nippon steel.as. and alumina and (cluster or inclusion)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/11/15 09:15
S19	35	Nippon steel.as. and alumina and (cluster or inclusion) and (rare earth or REM)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/11/15 09:15
S20	12	Nippon steel.as. and alumina near5 (reduc\$5 or minimiz\$5 or prevent \$4) and (rare earth or REM)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/11/15 09:27
S21	23529	"428".clas. and alumina	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/11/15 09:28
S22	2143	"428".clas. and alumina and (rare earth or REM or misch metal)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/11/15 09:28
S23	877	"428".clas. and steel and alumina and (rare earth or REM or misch metal)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/11/15 09:28
S24	24	"428".clas. and steel and alumina near20 (cluster or inclusion or defect) and (rare earth or REM or misch metal)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/11/15 09:29
S25	24	"428".clas. and steel and alumina near30 (cluster or inclusion or defect) and (rare earth or REM or misch metal)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/11/15 09:29

S26	2673	"420".clas. and (rare earth or REM or misch metal)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/11/15 09:31
S27	2516	"420".clas. and (rare earth or REM or misch metal) and (aluminum or aluminium or al)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/11/15 09:31
S28	3	"420".clas. and (rare earth or REM or misch metal) and (aluminum or aluminium or al) and alumna	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/11/15 09:31
S29	345	"420".clas. and (rare earth or REM or misch metal) and (aluminum or aluminium or al) and alumina	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/11/15 09:31
S30	39	"420".clas. and (rare earth or REM or misch metal) and (aluminum or aluminium or al) and alumina near30 (cluster or inclusion or defect)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/11/15 09:32
S31	44	"420".clas. and (rare earth or REM or misch metal) near5 ppm	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/11/15 09:33
S32	11	"420".clas. and alumina and (rare earth or REM or misch metal) near5 ppm	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/11/15 09:33
S33	19	("420".clas. or "148".clas. or "75".clas. or "428.clas") and alumina and (rare earth or REM or misch metal) near5 ppm	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/11/15 09:34
S34	40	(killed or deoxygen\$8) near5 (aluminum or aluminium or al) and alumina and (rare earth or REM or misch metal)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/11/15 09:39
S35	1341	(B22D011/00.ipc. or B22D011/108.ipc. or C21C007/00.ipc. or C21C007/04.ipc. or C21C007/06.ipc. or C22C038/00.ipc. or C22C038/06.ipc. or C22C038/58.ipc.) and alumina	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/11/15 09:59

S36	112	(B22D011/00.ipc. or B22D011/108.ipc. or C21C007/00.ipc. or C21C007/04.ipc. or C21C007/06.ipc. or C22C038/00.ipc. or C22C038/06.ipc. or C22C038/58.ipc.) and alumina and (rare earth or rare earth or mish metal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/11/15 09:59
S37	210	alumina near4 (cluster or inclusion or defect) and (rare earth or REM or misch metal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/11/15 10:19
S38	158	alumina near2 (cluster or inclusion or defect) and (rare earth or REM or misch metal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/11/15 10:19
S39	11	alumina near2 (cluster or inclusion or defect) and (rare earth or REM or misch metal) near5 ppm	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/11/15 10:19
S40	12	alumina near5 (cluster or inclusion or defect) and (rare earth or REM or misch metal) near5 ppm	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/11/15 10:20
S41	12	alumina near10 (cluster or inclusion or defect) and (rare earth or REM or misch metal) near5 ppm	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/11/15 10:20
S42	14	alumina near10 (cluster or inclusion or defect) and (rare earth or REM or misch metal) near10 ppm	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/11/15 10:20
S43	1668	m24-c02	DERWENT	ADJ	ON	2007/11/15 10:20
S45	12	m24-c02 and alumina and (rare earth or REM or misch metal)	DERWENT	ADJ	ON	2007/11/15 10:21
S46	8	(US-20060157162-\$). did. or (US-4042381-\$ or US-4440568-\$ or US-4880480-\$ or US-6120578-\$ or US-6344093-\$).did. or (US-2980529-\$ or US-3623862-\$).did.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/11/15 10:22

S47	229	(Toshiaki near2 Mizoguchi).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/09 23:02
S48	30	(Yoshiyuki near2 Ueshima).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/09 23:02
S49	500	(Jun near2 Yamaguchi).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/09 23:03
S50	48	(Yu near2 Watanabe).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/09 23:03
S51	12	(Akira near2 Mikasa).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/09 23:03
S52	4	(Hirotugu near2 Yasui).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/09 23:04
S53	764	S47 or S48 or S49 or S50 or S51 or S52	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/09 23:04
S54	234	S53 and steel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/09 23:04

S55	55	S53 and (alumina or (aluminum or aluminium) adj2 oxide or inclusion or de\$oxid\$5 or rare adj2 earth or REM)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/09 23:10
S56	30	(US-20060157162-\$). did. or (US-4880480-\$ or US-6344093-\$ or US-4042381-\$ or US-6120578-\$ or US-4440568-\$ or US-4738301-\$ or US-4809765-\$ or US-6368380-\$). did. or (US-2980529-\$ or US-3623862-\$). did. or (EP-337114-\$ or EP-1029938-\$ or WO-2004009854-\$ or WO-2004111277-\$). did. or (JP-2001026812-\$ or JP-2000239785-\$ or JP-2000303146-\$ or JP-11279692-\$ or JP-11279721-\$ or JP-11264052-\$ or JP-2003119546-\$ or JP-2004052077-\$ or JP-2004052076-\$ or JP-2005002425-\$ or JP-2005002422-\$ or JP-2005002421-\$ or JP-2005002420-\$ or JP-2005002419-\$ or JP-2005089775-\$). did.	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/08/09 23:11
S57	36	S55 not S56	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/09 23:11
S58	511	(Nippon adj2 Steel). as. and (reduc\$4 or minimi\$5 or elimin\$6 or mitigat\$6) same (alumina or (aluminum or aluminium) adj2 oxide or Al2O3 or "Al.sub.2O.sub.3") not (S55 or S56 or S57)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/09 23:14

S59	232	(Nippon adj2 Steel).as. and steel same (reduc\$4 or minimi\$5 or elimin\$6 or mitigat\$6) same (alumina or (aluminum or aluminium) adj2 oxide or Al2O3 or "Al. sub.2O.sub.3") not (S55 or S56 or S57 or S54)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/09 23:15
S60	8	(Nippon adj2 Steel).as. and (reduc\$4 or minimi\$5 or elimin\$6 or mitigat\$6) same (alumina or (aluminum or aluminium) adj2 oxide or Al2O3 or "Al.sub.2O. sub.3") same (rare adj2 earth or REM or cerium or Ce or lanthanum or La or neodymium or Nd) not (S55 or S56 or S57 or S54)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/09 23:16
S61	111	(Nippon adj2 Steel).as. and (alumina or (aluminum or aluminium) adj2 oxide or Al2O3 or "Al.sub.2O. sub.3") same (rare adj2 earth or REM or cerium or Ce or lanthanum or La or neodymium or Nd) not (S55 or S56 or S57 or S54)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/09 23:17
S62	29	Nippon steel.as. and alumina near10 (cluster or inclusion) and (REM or rare earth)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2008/08/09 23:19
S63	39	"148".clas. and (aluminum or aluminium or al) near20 (deoxidiz\$5 or kill\$4) and alumina and (Ce or La or Pr of Nd)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/09 23:20
S64	67	148/331.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/09 23:20
S65	16	alumina near10 (cluster or inclusion or defect) and (rare earth or REM or misch metal) near10 ppm	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2008/08/09 23:20

S66	108	m24-c02 and alumina	DERWENT	ADJ	ON	2008/08/09 23:20
S67	12	m24-c02 and alumina and (rare earth or REM or misch metal)	DERWENT	ADJ	ON	2008/08/09 23:21
S68	80	(B22D011/00.ipc. or B22D011/108.ipc. or C21C007/00.ipc. or C21C007/04.ipc. or C21C007/06.ipc. or C22C038/00.ipc. or C22C038/06.ipc. or C22C038/58.ipc.) and alumina and (rare earth or rare earth or mish metal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2008/08/09 23:21
S69	51	(killed or deoxygen\$8) near5 (aluminum or aluminium or al) and alumina and (rare earth or REM or misch metal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/09 23:22
S70	336	S62 or S63 or S64 or S65 or S66 or S67 or S68 or S69	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/09 23:22
S71	252	S54 or S55 or S56 or S57	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/09 23:23
S72	318	S70 not S71	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/09 23:23
S73	436	(FUCHIGAMI near2 KATSUHIRO).in. or (MOROHOSHI near2 TAKASHI).in. or (WAKAO near2 MASAMITSU).in. or (NAKANISHI near2 TAKEO).in. or (ADACHI near2 MASAHIKO).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/10 13:55

S74	26	S73 and (cerium or ce or lanthanum or la or neodymium or nd or rare adj2 earth or REM)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/10 13:57
S75	84	Moriyuki near2 (Ishiguro).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/10 14:01
S76	2	JP "52070918"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/10 16:20
S77	2	JP "2001026842"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/10 16:20
S78	2	JP "11323426"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/10 16:20
S79	2	EP "906960"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/10 16:20
S80	8	S76 or S77 or S78 or S79	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/10 16:20
S81	2	"20060260719"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/10 16:22

S82	122	steel same alumina near3 cluster	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/10 16:29
S83	2	JP "07070638"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/10 16:46
S84	229	(Mizoguchi near2 Toshiaki).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/10 16:59
S85	30	(Ueshima near2 Yoshiyuki).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/10 16:59
S86	534	(Yamaguchi near2 Jun). in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/10 16:59
S87	48	(Watanabe near2 yu). in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/10 16:59
S88	12	(Mikasa near2 Akira).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/10 16:59
S89	4	(Yasui near2 Hirotugu). in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/10 16:59

S90	798	(S84 or S85 or S86 or S87 or S88 or S89)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/10 17:00
S91	44	S90 and (al2O3 or "al. sub.2o.sub.3" or alumina or aluminum near2 oxide)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/10 17:01
S92	59	(US-20060260719-\$). did. or (US-6344093-\$ or US-4042381-\$ or US-4738301-\$ or US-4809765-\$ or US-6368380-\$ or US-6511553-\$ or US-6120578-\$). did. or (US-2980529-\$ or US-3623862-\$). did. or (WO-2004009854-\$ or WO-2004111277-\$ or EP-829546-\$ or EP-906960-\$ or EP-1538224-\$ or WO-9736010-\$). did. or (JP-2000239785-\$ or JP-2000303146-\$ or JP-2004052077-\$ or JP-2004052076-\$ or JP-2005002425-\$ or JP-2005002422-\$ or JP-2005002421-\$ or JP-2005002420-\$ or JP-2005089775-\$ or JP-2001303183-\$ or JP-2001303182-\$ or JP-2001303177-\$ or JP-2005089774-\$ or JP-05277679-\$ or JP-2004277777-\$ or JP-2003013132-\$ or JP-2003001484-\$ or JP-2007254819-\$ or JP-52070918-\$ or JP-11323426-\$ or JP-2001026842-\$ or JP-07070638-\$ or JP-2002105527-\$). did. or (JP-51071225-\$ or JP-2002327239-\$ or WO-2004009854-\$ or JP-2005256115-\$ or JP-2007254819-\$ or WO-2004111277-\$ or RU-	ADJ	ON	2009/08/10 17:01	

		2241059-\$ or JP- 2003268435-\$ or JP- 2002266018-\$ or US- 6350295-\$ or JP- 05271744-\$ or JP- 52070918-\$ or GB- 1472537-\$ or JP- 52027009-\$ or EP- 906960-\$ or JP- 11323426-\$ or JP- 2001026842-\$ or JP- 2003013132-\$ or WO- 9736010-\$).did.				
S93	29	S91 not S92	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/10 17:01
S94	139102	(Nippon and Steel).as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/10 17:02
S95	148	S94 and (al2O3 or "'al. sub.2o.sub.3'" or alumina or aluminum near2 oxide) and (rare earth or REM)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/10 17:02
S96	134	S95 not S92	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/10 17:02
S97	162	S93 or S96	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/10 17:03
S98	112361	(Kawasaki).as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/10 18:27

S99	74	S98 and (al2o3 or "'al. sub.2o.sub.3'" or alumina or aluminum near2 oxide) and (rare earth or REM)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/10 18:27
S100	59	S99 not (S97 or S92)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/10 18:27

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